

Converting Colors

XYZ(50.6097, 67.5324, 65.2554)

Have a look what the booklet for
XYZ(50.6097, 67.5324, 65.2554)
contains.

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Color

**XYZ(50.6096, 67.7230,
65.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	8FE8C8
RGB	143, 232, 200
RGB Percent	56%, 91%, 78%
CMY	0.4392, 0.0902, 0.2157
CMYK	0.38, 0.00, 0.14, 0.09
HSL	158°, 66%, 74%
HSV	158°, 38%, 91%
XYZ	50.6096, 67.7230, 65.0480
YIQ	201.7410, -42.7720, -28.8200

Conversions

Conversions Part 2

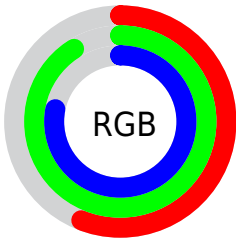
Format	Color
RYB	143, 197, 232
Decimal	9431240
CIELab	85.87, -33.82, 7.19
CIELCh	86, 34.580, 167.999
Yxy	67.7230, 0.2760, 0.3693
Android (android.graphics.Color)	4287621320 (0xFF8FE8C8)
YUV	201.7410, -0.8583, -51.5159
Hunter-Lab	82.2940, -34.2396, 10.7409

Details

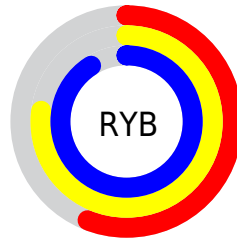
The XYZ color **50.6096, 67.7230, 65.0480** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **50.8413, 39.8975, 45.5814**, and the grayscale version is **56.0034, 58.9199, 64.1638**.

A 20% lighter version of the original color is **77.6294, 91.0194, 108.0847**, and **24.7381, 35.2007, 32.6847** is the 20% darker color. If you saturate the color by 10%, you get **46.0529, 65.4853, 59.8843**, and if you desaturate by 10%, it is **56.0538, 70.4156, 70.5339**.

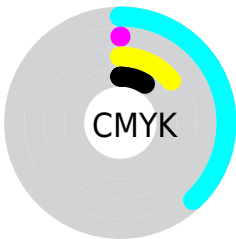
Distribution



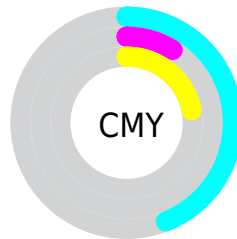
- Red (56%)
- Green (91%)
- Blue (78%)



- Red (56%)
- Yellow (77%)
- Blue (91%)



- Cyan (38%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)





- Cyan (44%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6096, 67.7230, 65.0480 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 50.6096, 67.7230, 65.0480 by changing the saturation by 10% instead.

 50.6096, 67.7230,
65.0480


 50.6096, 67.7230,
65.0480


379.4578,
452.5140, 461.2754

 36.1178, 49.6724,
47.0484


 90.2639, 115.9558,
113.7328

 24.6957, 35.1532,
32.7193


 116.1570,
146.9068, 145.2551

 15.9780, 23.7809,
21.6421


146.5813,
182.9267, 182.1220

 9.5993, 15.1712,
13.3984

181.9022,
224.3999, 224.7522

 5.1943, 8.9396,
7.5695

222.4849,
271.7109, 273.5640

 2.3977, 4.7018,
3.7369

268.6948,

 0.8439, 2.0734,

325.2439, 328.9761

1.4822

320.8973,
385.3835, 391.4071

■ 0.0000, 0.6496,
0.2046

■ 0.0000, 0.0000,
0.0000

■ 50.6096, 67.7230,
65.0480

■ 50.6096, 67.7230,
65.0480

■ 46.0529, 65.4853,
59.8843

■ 56.0538, 70.4156,
70.5339

■ 42.3256, 63.6674,
55.0314

■ 62.4279, 73.5796,
76.3438

■ 39.3714, 62.2420,
50.4835

■ 69.7781, 77.2404,
82.4857

■ 37.1243, 61.1754,
46.2329

■ 78.1459, 81.4194,
88.9655

■ 35.5065, 60.4273,
42.2714

■ 86.0817, 85.3692,
95.7194

■ 34.4063, 59.9405,
38.5887

■ 87.3618, 85.8813,
102.4601

■ 34.2493, 59.8723,
38.0106

■ 88.1478, 86.1957,
106.5993

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



53.7157, 67.7230, 48.2654



50.6096, 67.7230, 65.0480



50.9612, 67.7230, 88.0322

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.6096, 67.7230, 65.0480



69.1831, 67.7230, 123.4027



75.0908, 67.7230, 45.8769

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



50.6096, 67.7230, 65.0480



50.8413, 39.8975, 45.5814

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.9428, 67.7230, 61.0829



50.6096, 67.7230, 65.0480



76.3445, 67.7230, 106.8916

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



50.6096, 67.7230, 65.0480



61.2579, 67.7230, 125.0725



80.4196, 67.7230, 83.1712



67.5830, 67.7230, 38.8142

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



50.6096, 67.7230, 65.0480



53.1128, 67.7230, 103.9343



80.4196, 67.7230, 83.1712



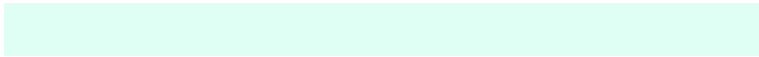
77.1121, 67.7230, 50.0437

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



50.6115, 67.7257, 65.0495



82.9533, 93.9628, 99.3502



51.6383, 68.8867, 36.5624



17.4973, 19.9833, 21.0504



0.0000, 0.0000, 0.0000



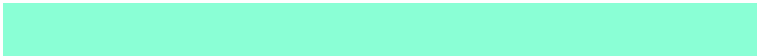
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



50.6115, 67.7257, 65.0495



58.1793, 81.6928, 75.5345



51.5235, 62.9249, 85.7773



14.5760, 16.2438, 17.2977



19.0754, 33.2623, 21.4291



1.4536, 2.4756, 1.8154

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.8413, 39.8975, 45.5814



58.5113, 42.6413, 48.2615



49.9378, 42.5390, 31.5664



14.5900, 14.4532, 16.0416



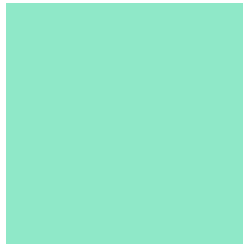
19.4057, 9.8965, 5.7653



1.4772, 0.7486, 0.6535

Previews

White Background



This preview shows how the XYZ color 50.6096, 67.7230, 65.0480 looks on a white background.

Color Contrast Check

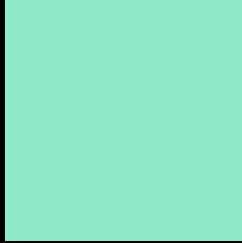
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 50.6096, 67.7230, 65.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

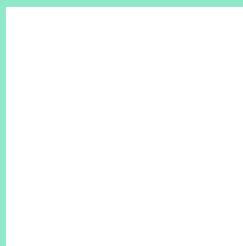
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6096, 67.7230, 65.0480

Background



This preview shows how black text looks on a background with the XYZ color 50.6096, 67.7230, 65.0480.



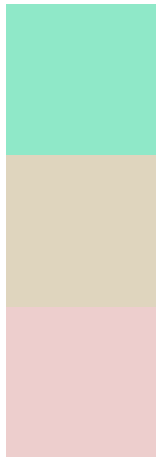
This preview shows how white text looks on a background with the XYZ color 50.6096, 67.7230,

65.0480.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

50.6096, 67.7230, 65.0480

Protanopia

63.5199, 66.9942, 58.2985

Deuteranopia

68.0158, 66.5549, 67.0192



Tritanopia

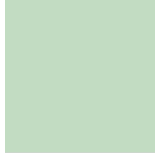
56.8519, 67.7944, 95.6772

Trichromacy



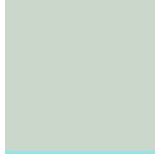
Original Color

50.6096, 67.7230, 65.0480



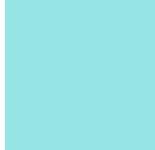
Protanomaly

57.5789, 66.5508, 60.8498



Deuteranomaly

59.7085, 65.6092, 66.0168



Tritanomaly

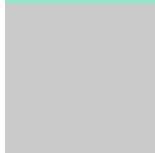
54.3247, 67.5723, 83.5783

Monochromacy



Original Color

50.6096, 67.7230, 65.0480



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

53.3929, 61.6293, 64.3399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6096, 67.7230, 65.0480 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(143, 232, 200)` looks like.

```
.text, #text, p{  
    color:rgb(143, 232, 200)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(143, 232, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 232, 200) }
```

Border

The CSS property to change the border of an element to XYZ 50.6096, 67.7230, 65.0480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(143, 232, 200) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(143, 232, 200) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(143, 232, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 232, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 232, 200);  
box-shadow:4px 4px 4px 4px rgb(143, 232,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6096, 67.7230, 65.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 232, 200) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(143,  
232, 200) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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